

FIG. 1

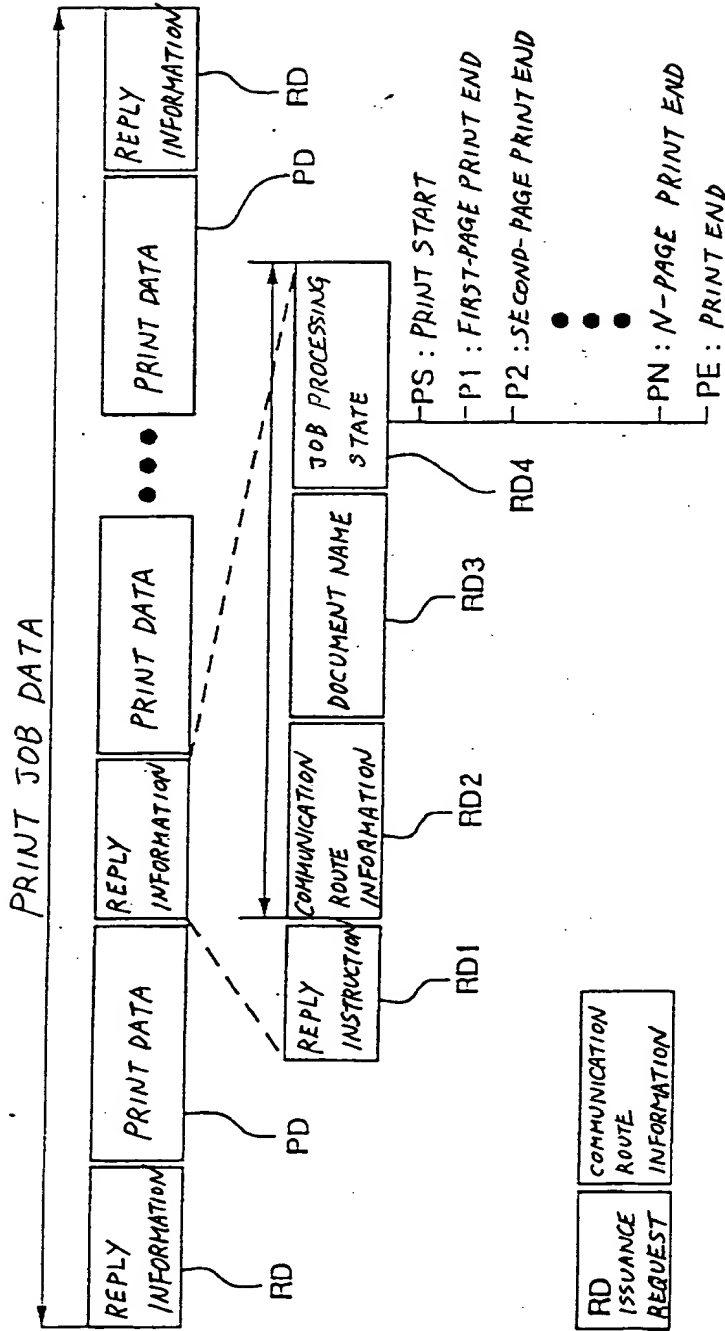


FIG. 2 (a)

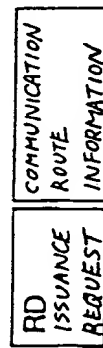


FIG. 2 (b)

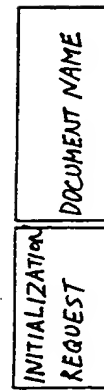


FIG. 2 (c)

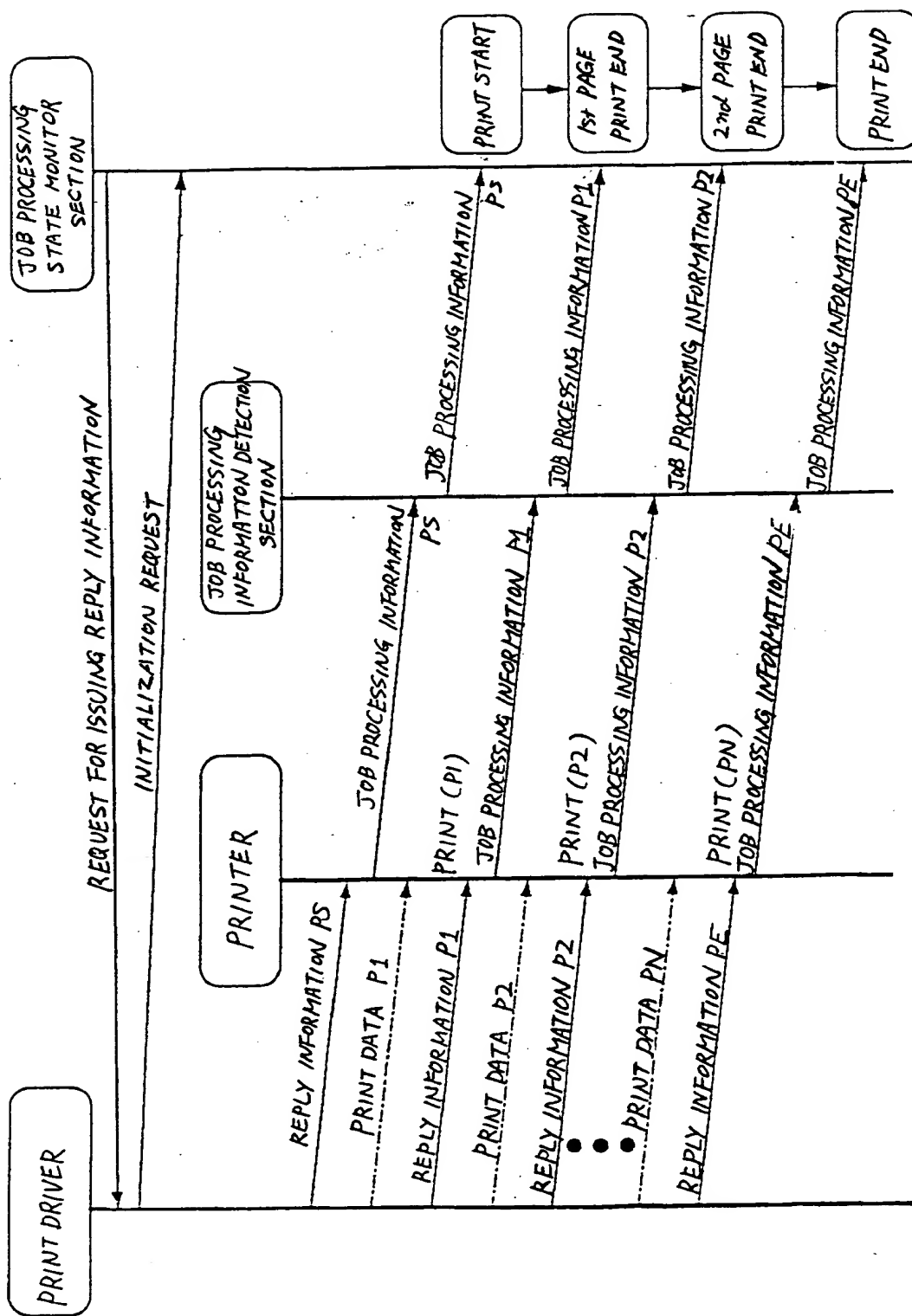
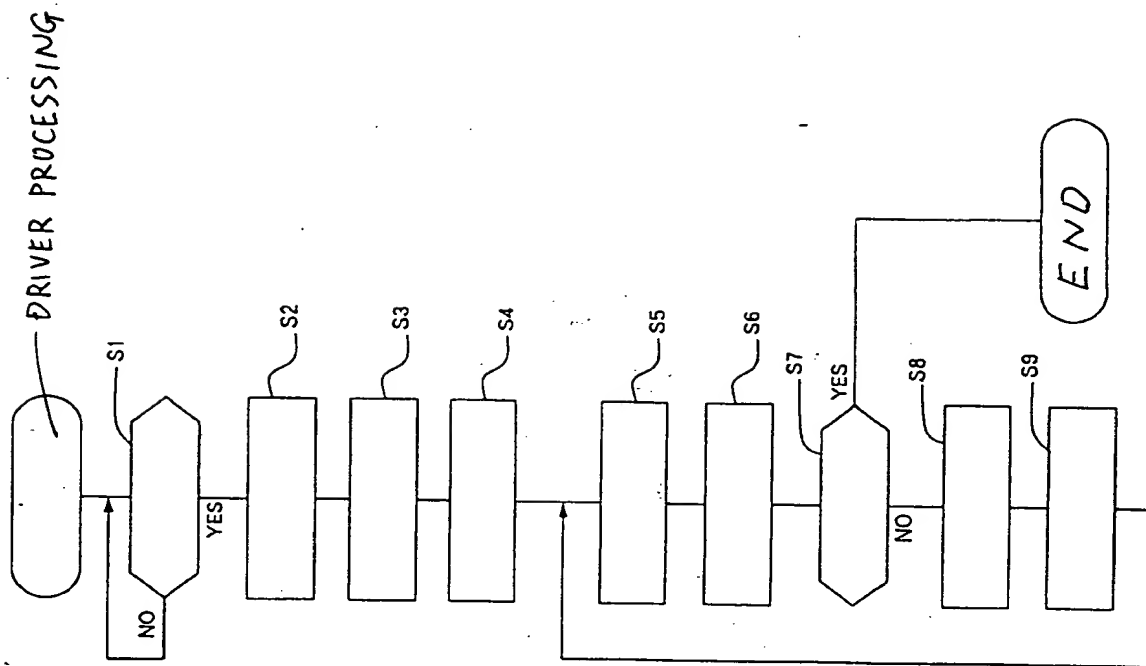
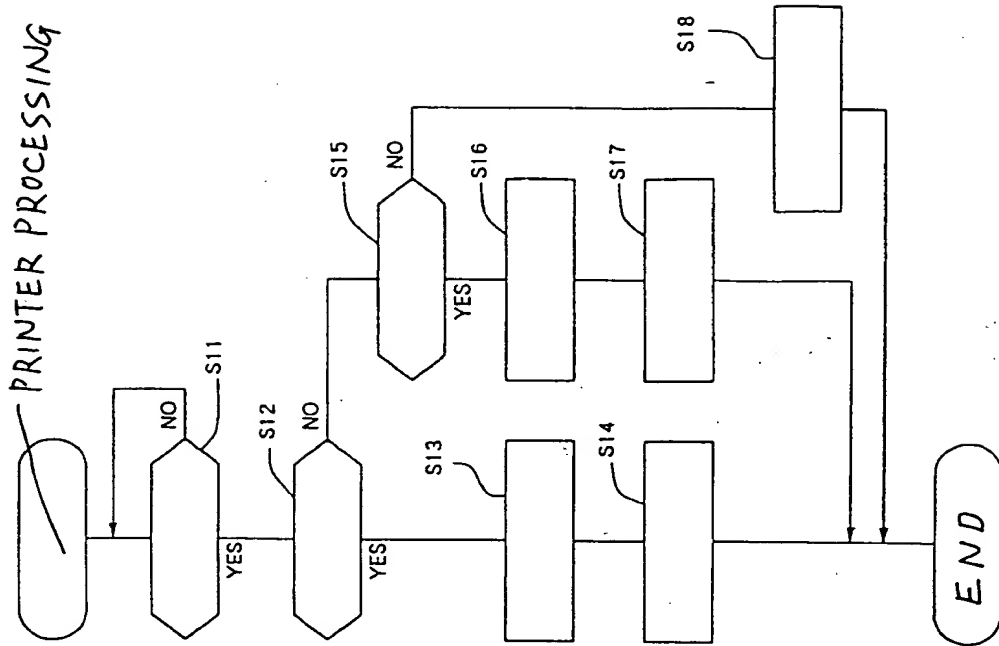


FIG. 3



- S1 REQUEST FOR ISSUING RD MADE?
- S2 ISSUE INITIALIZATION REQUEST
- S3 SET COMMUNICATION ROUTE INFORMATION
- S4 ISSUE RD (PS)
- S5 GENERATE AND TRANSMIT PRINT DATA
- S6 ISSUE RD
- S7 IS PRINT JOB TRANSMISSION COMPLETE?
- S8 SET THE NEXT PROCESSING STATE
- S9 SET THE NEXT PAGE

FIG. 4



S11 RECEIVED?

S12 PRINT DATA?

S13 INTERPRET

S14 PRINT

S15 REPLY INFORMATION?

S16 EXTRACT JOB PROCESSING INFORMATION

S17 RETURN JOB PROCESSING INFORMATION

S18 PERFORM NORMAL PROCESSING

FIG. 5

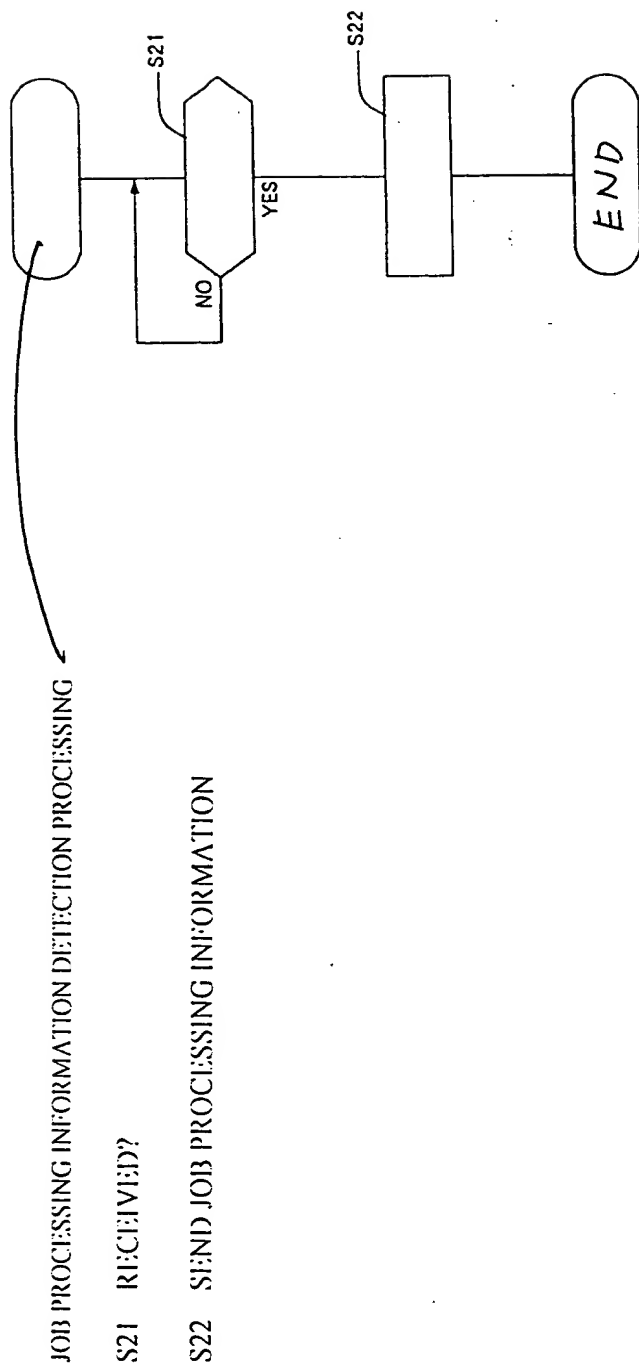
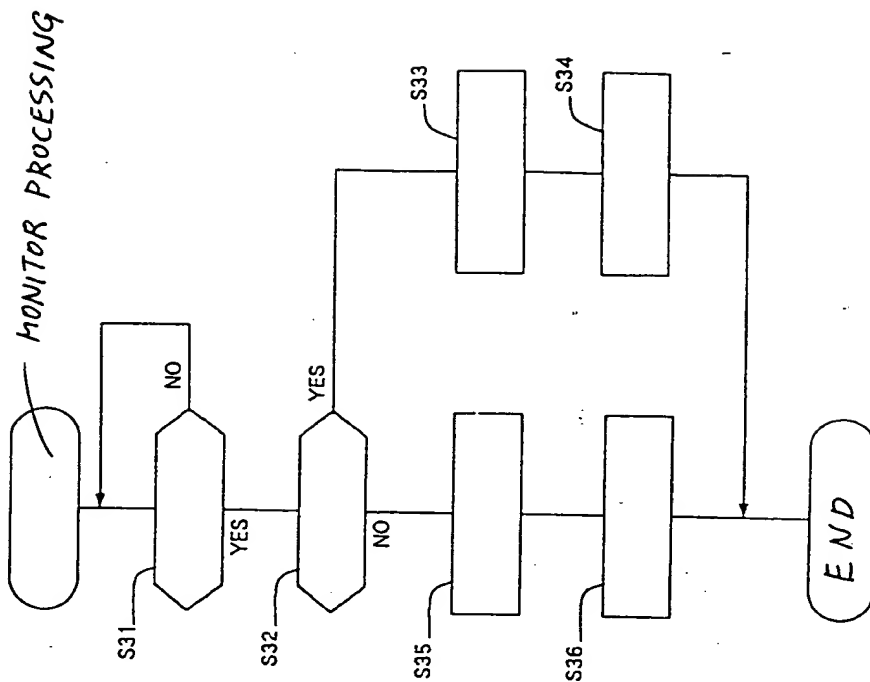


FIG. 6



S31 RECEIVED?

S32 INITIALIZATION REQUEST?

S33 RESET JOB PROCESSING DISPLAY

S34 SET NEW DOCUMENT NAME

S35 EXTRACT JOB PROCESSING STATE

S36 DISPLAY PROCESSING MESSAGE

FIG. 7





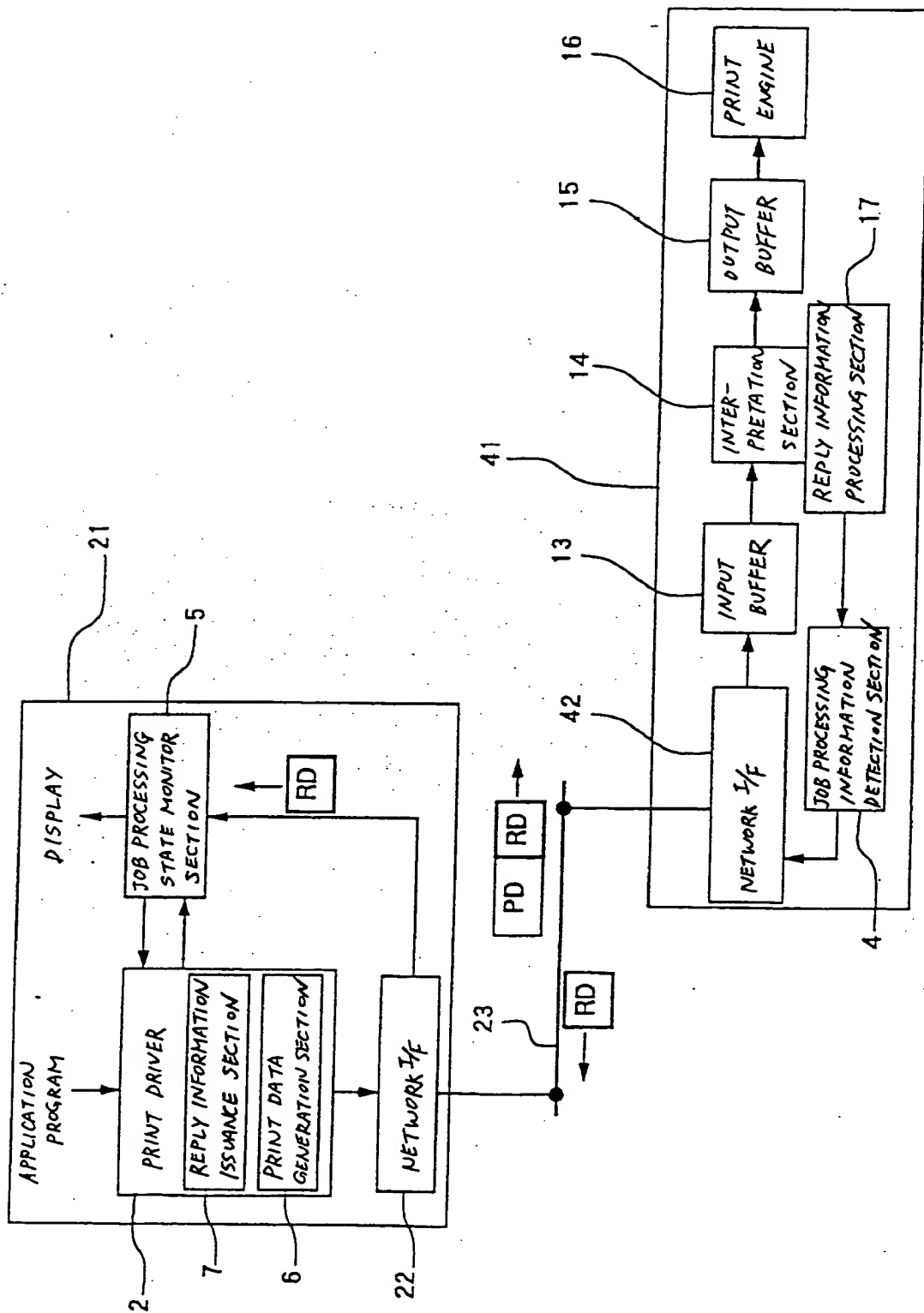


FIG. 9

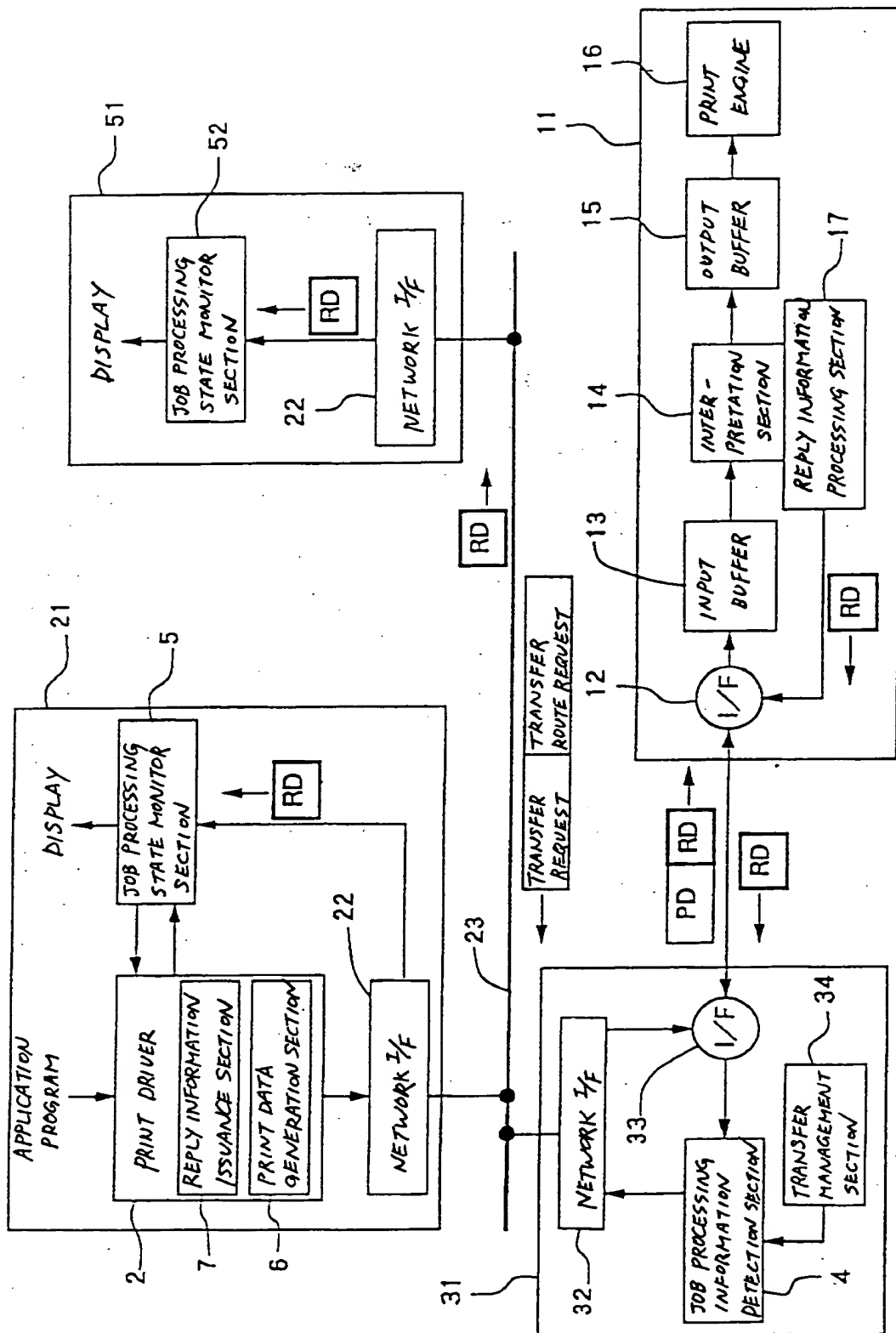


FIG. 10

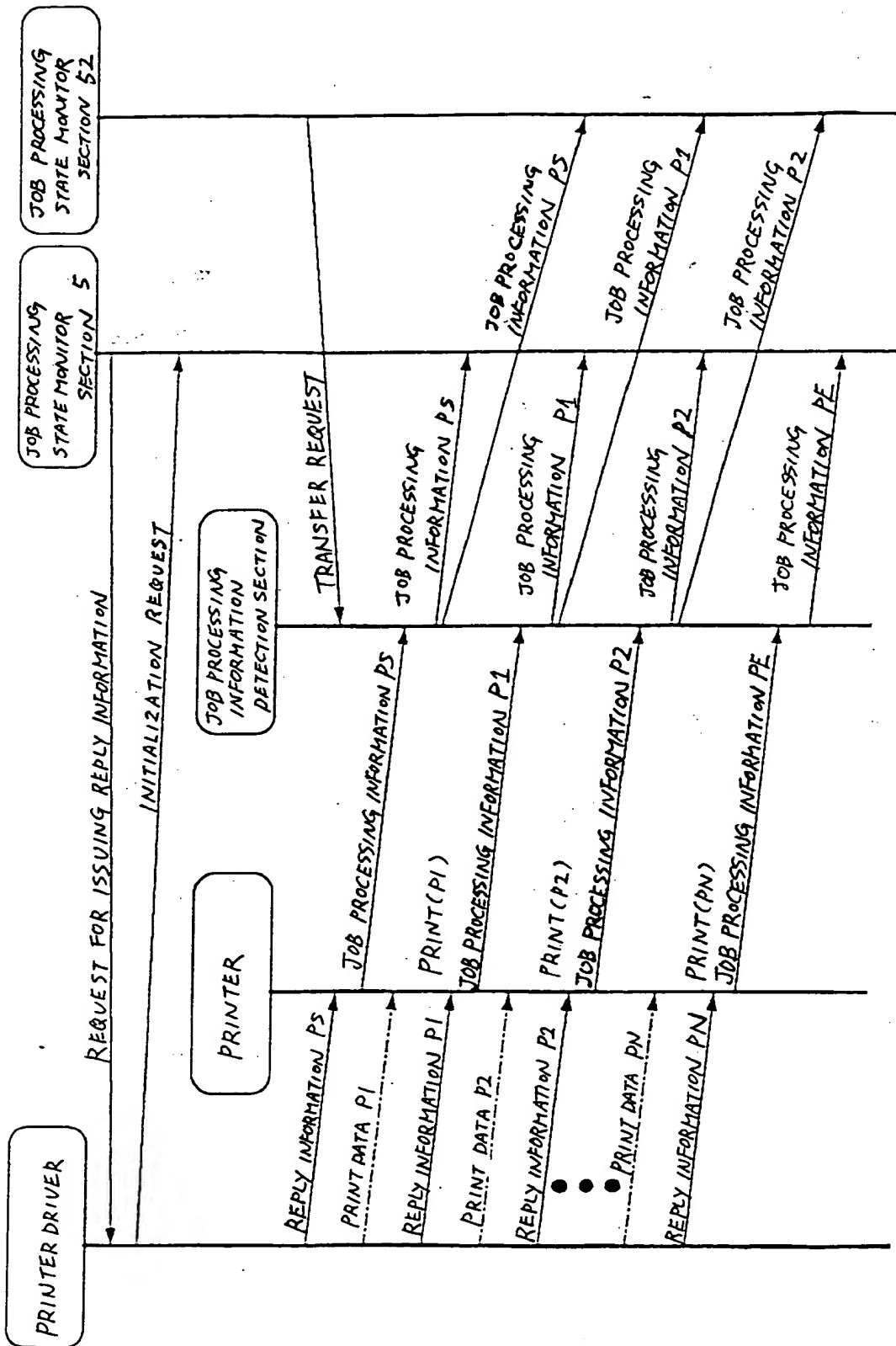


FIG. 11

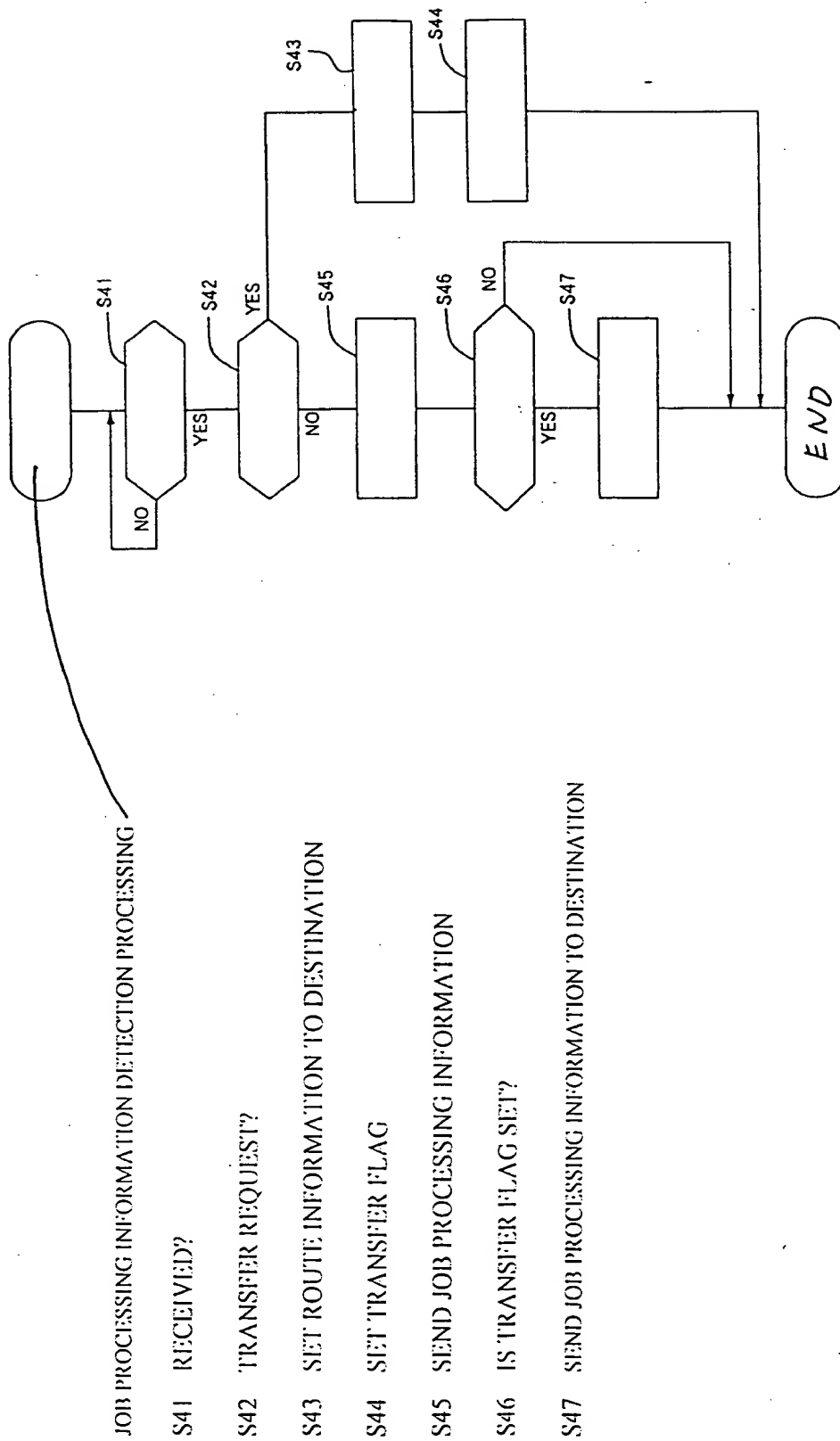


FIG. 12



DRIVER PROCESSING

S51 TRANSMIT DOCUMENT ATTRIBUTE INFORMATION

S1 REQUEST FOR ISSUING RD MADE?

S2, S3 ISSUE INITIALIZATION REQUEST

SET COMMUNICATION ROUTE INFORMATION

S4 ISSUE RD (PS)

S5 GENERATE AND TRANSMIT PRINT DATA

S52 RD ISSUING POSITION?

S6 ISSUE RD

S7 IS PRINT JOB TRANSMISSION COMPLETE?

S8 SET THE NEXT PROCESSING STATE

S9 SET THE NEXT PAGE

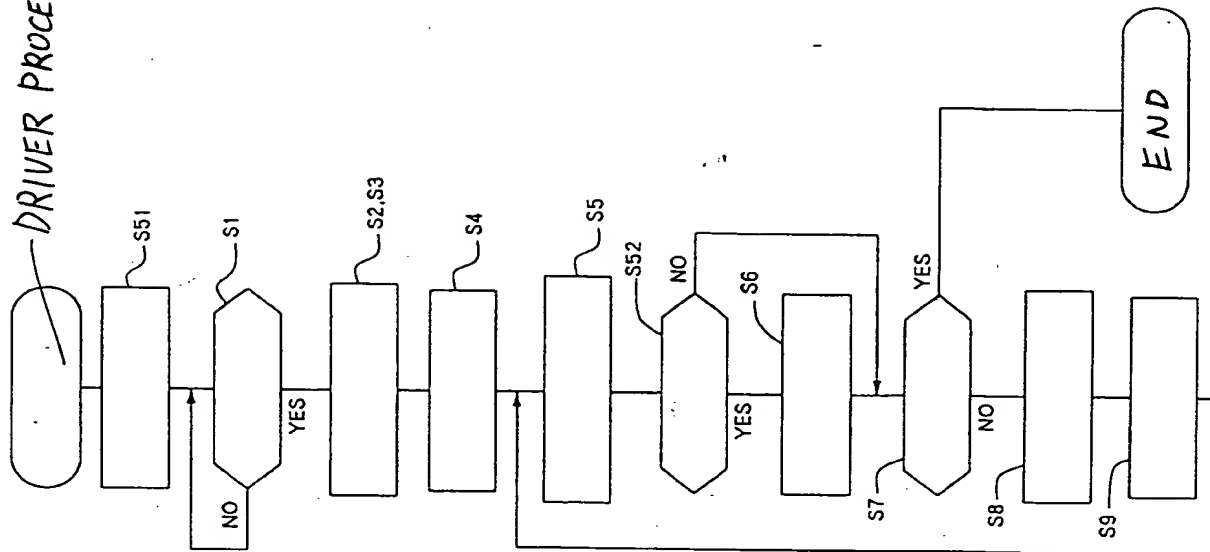


FIG. 14

MONITOR PROCESSING

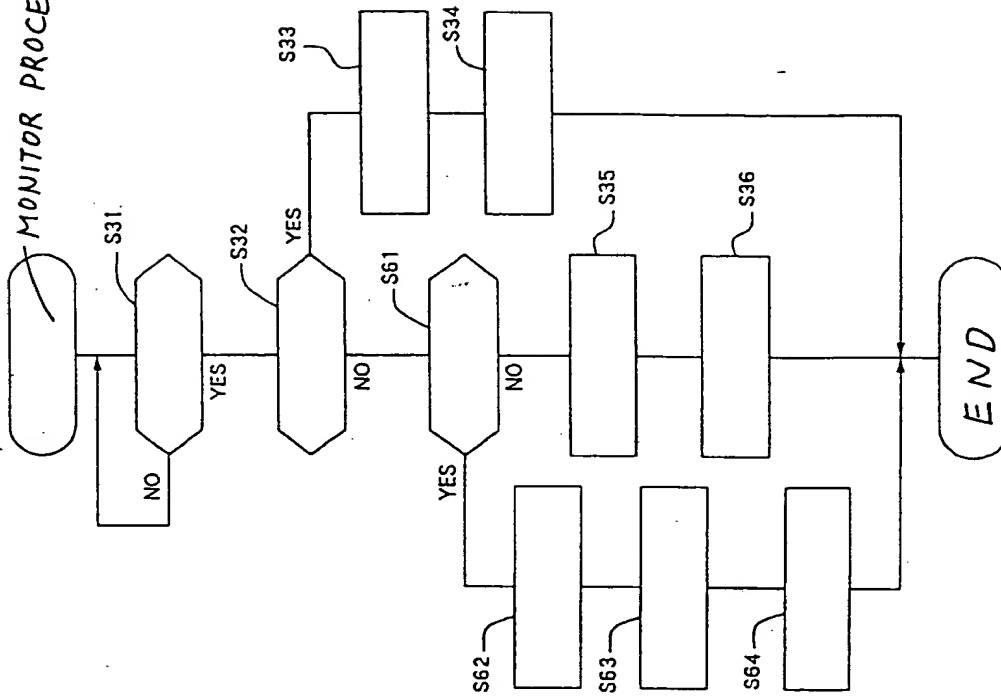


FIG. 15

S31 RECEIVED?

S32 INITIALIZATION REQUEST?

S33 RESET JOB PROCESSING DISPLAY

S34 SET NEW DOCUMENT NAME

S35 EXTRACT JOB PROCESSING STATE

S61 DOCUMENT ATTRIBUTE INFORMATION?

S36 DISPLAY PROCESSING MESSAGE

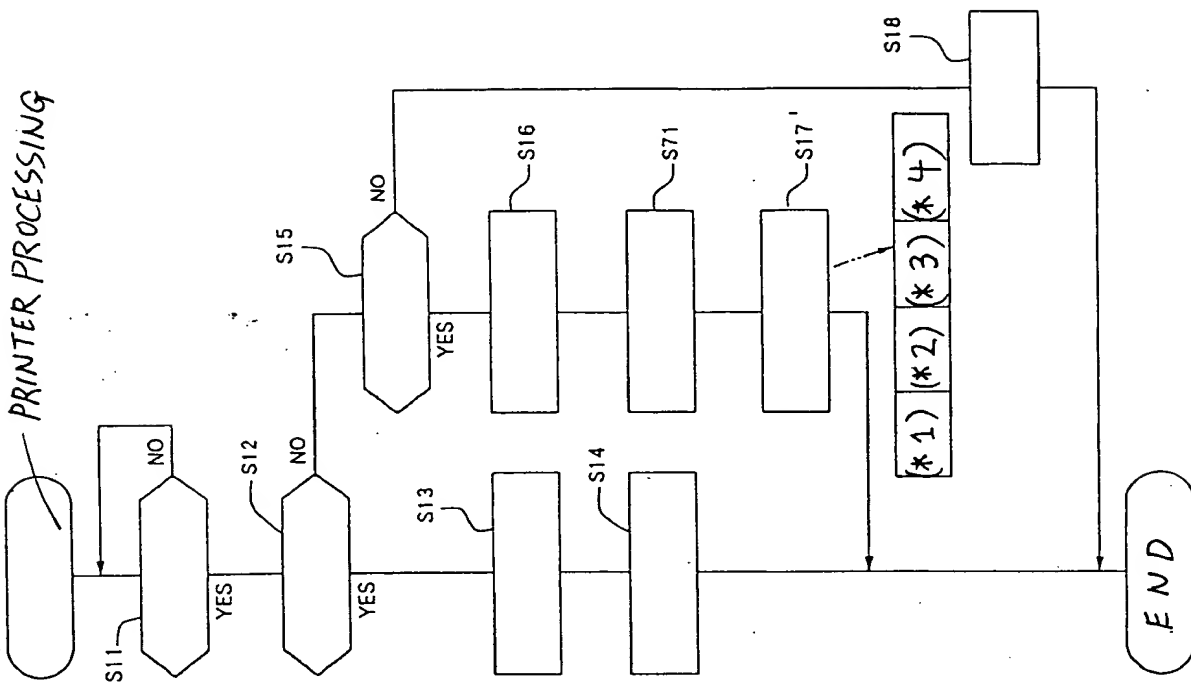
S62 ANALYZE ATTRIBUTE

S63 SELECT ISSUING MODE

S64 TRANSMIT REQUEST FOR ISSUING RD







S11 RECEIVED?

S12 PRINT DATA?

S13 INTERPRET

S14 PRINT

S15 REPLY INFORMATION?

S16 EXTRACT JOB PROCESSING INFORMATION

S17 ADD STATUS INFORMATION

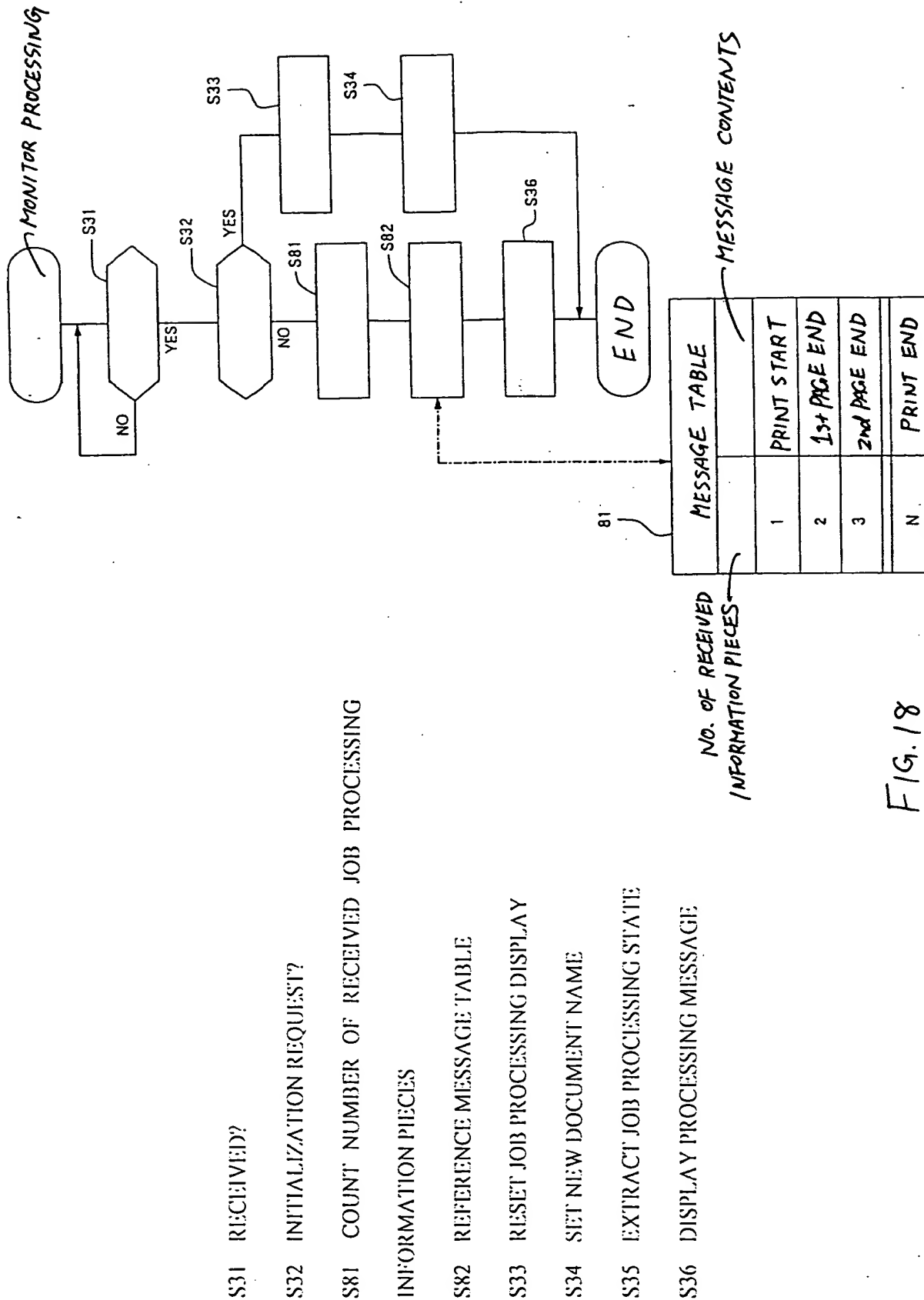
S17 RETURN JOB PROCESSING INFORMATION

(\*1) ROUTE INFORMATION (\*2) DOCUMENT NAME

(\*3) PROCESSING STATE (\*4) STATUS

S18 PERFORM NORMAL PROCESSING

FIG. 17



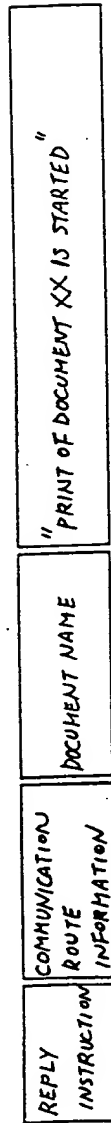


FIG. 19 (a)

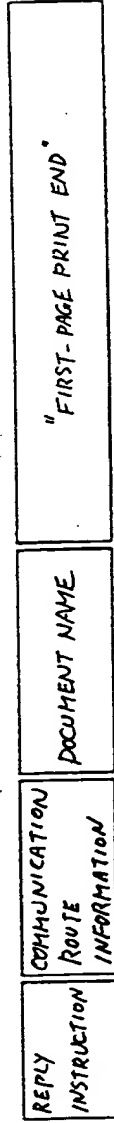


FIG. 19 (b)

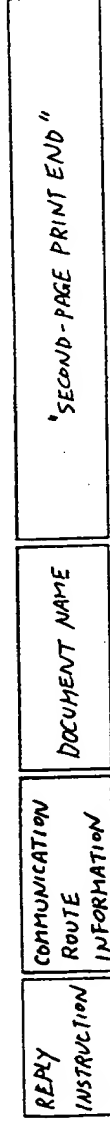


FIG. 19 (c)



FIG. 19 (d)

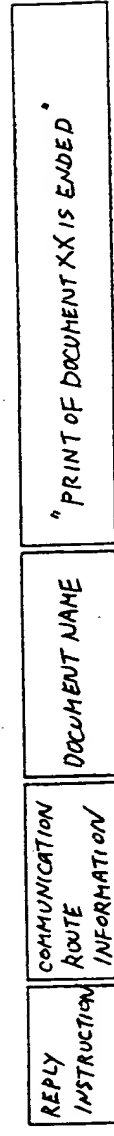


FIG. 19 (e)

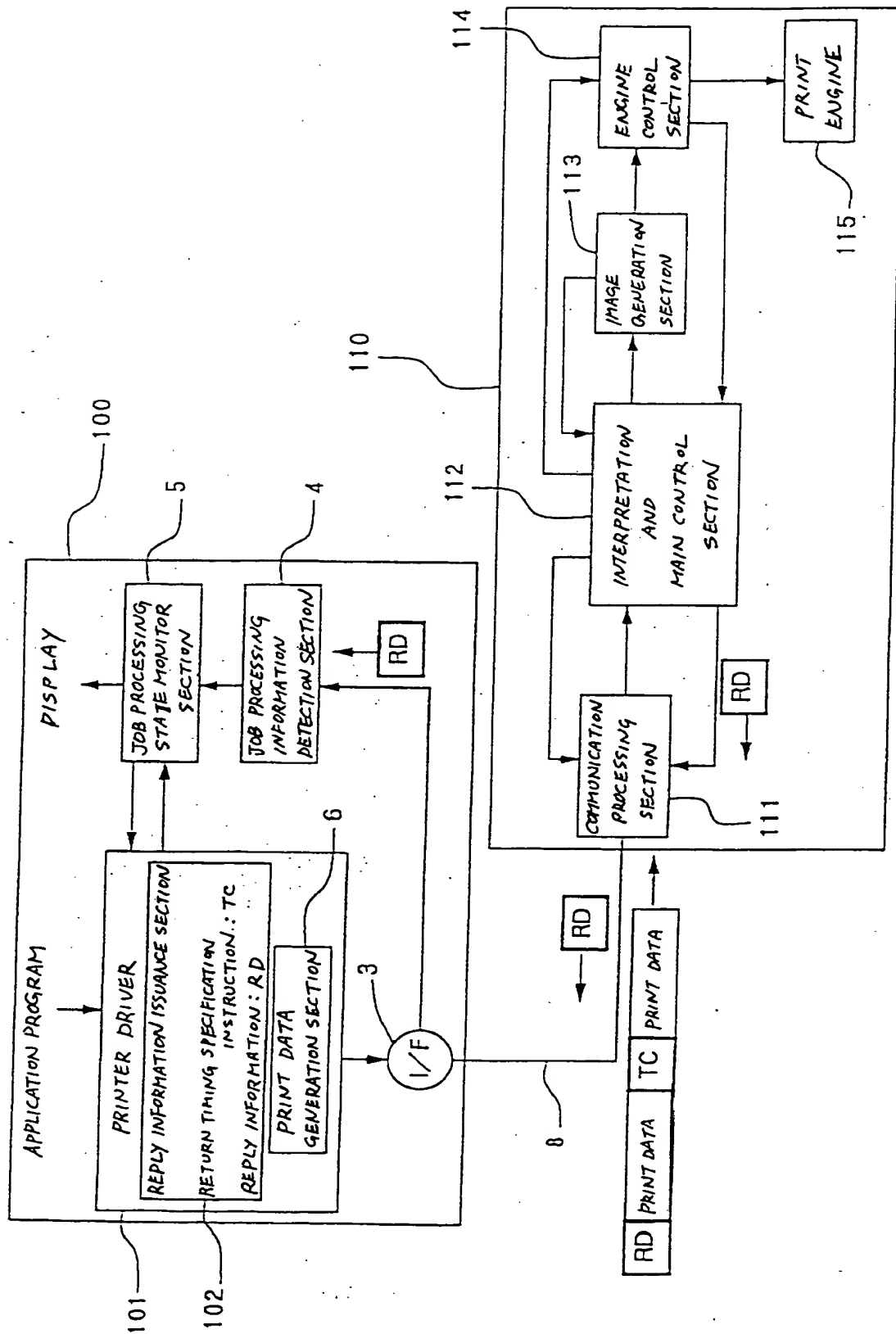


FIG. 20

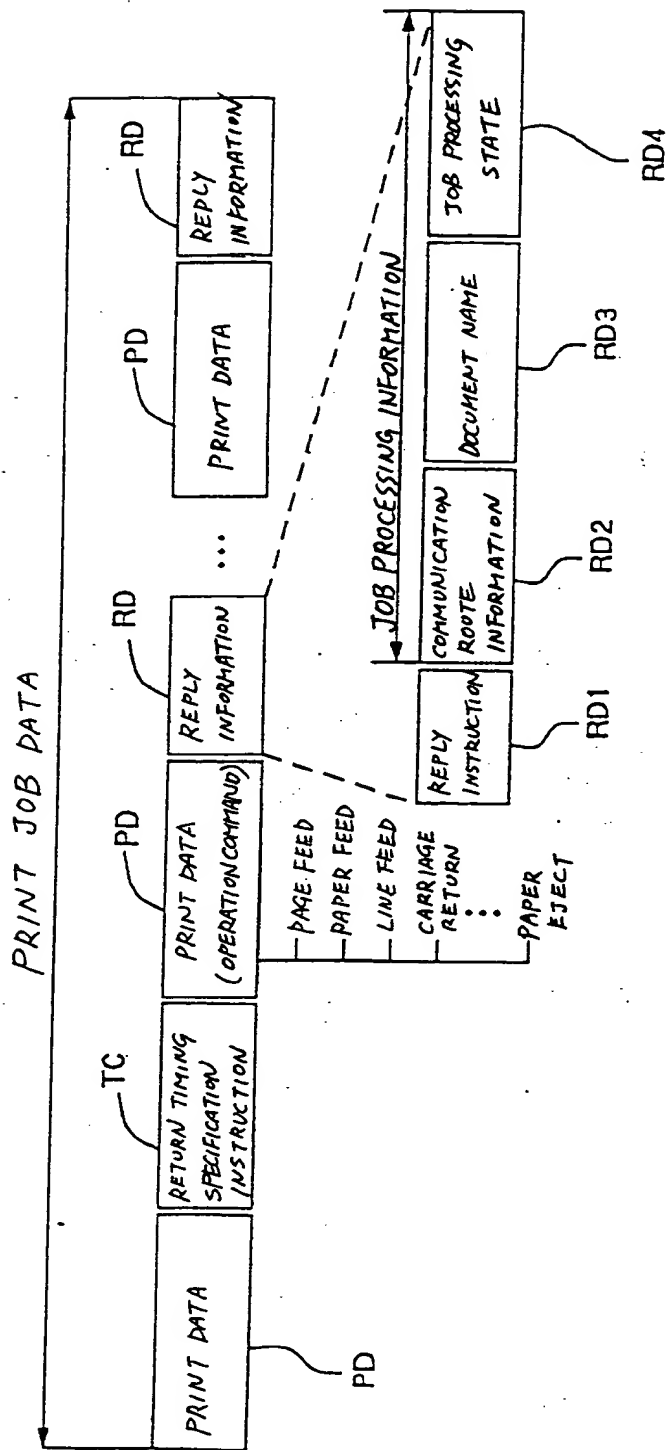
[illegible]

FIG. 21 (a)

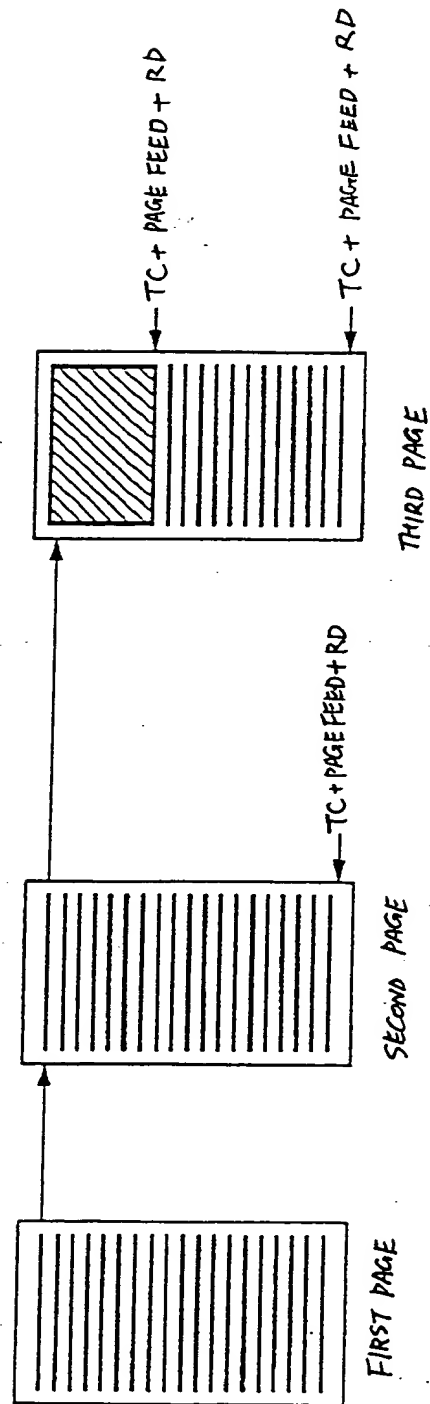
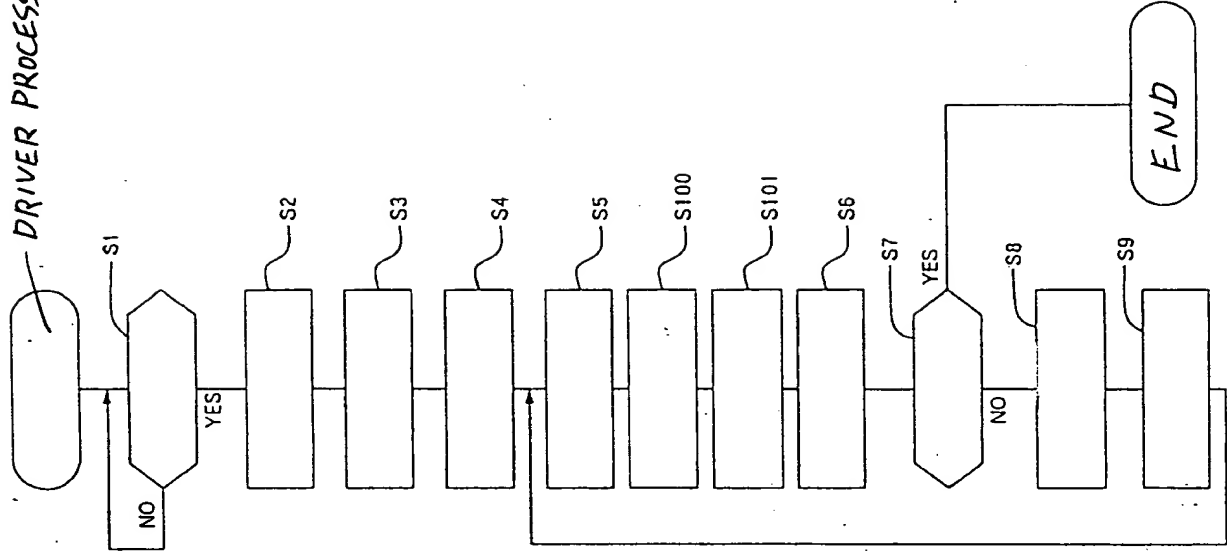


FIG. 2/ (b)

[illegible]

FIG. 22

DRIVER PROCESSING



S1 REQUEST FOR ISSUING RD MADE?

S2 ISSUE INITIALIZATION REQUEST

S3 SET COMMUNICATION ROUTE INFORMATION

S4 ISSUE RD (PS)

S5 GENERATE AND TRANSMIT PRINT DATA

S100 ISSUE TC

S101 TRANSMIT OPERATION COMMAND

S6 ISSUE RD

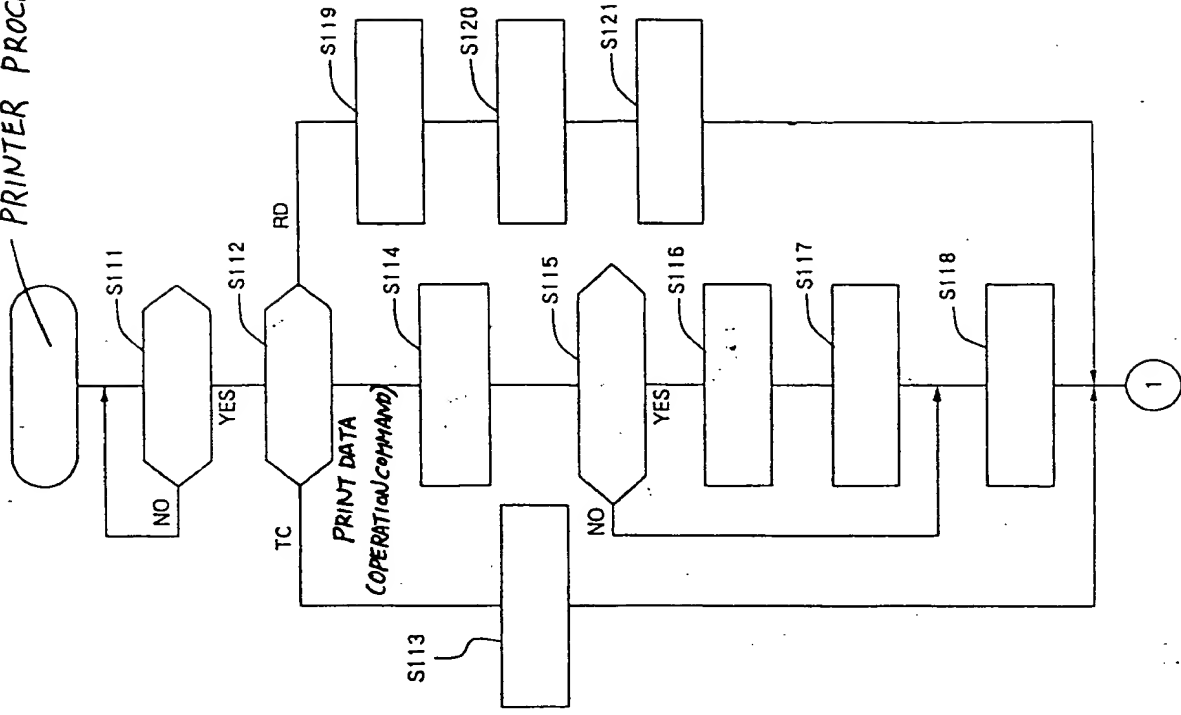
S7 IS PRINT JOB TRANSMISSION COMPLETE?

S8 SET THE NEXT PROCESSING STATE

S9 SET THE NEXT PAGE

FIG. 23

PRINTER PROCESSING



S111 DATA RECEIVED FROM COMMUNICATION

PROCESSING SECTION?

S112 DETERMINE DATA TYPE

S113 SET NOTIFICATION REQUEST FLAG

S114 INTERPRET

S115 IS NOTIFICATION REQUEST FLAG SET?

S116 REQUEST ENGINE CONTROL SECTION TO SEND END

NOTIFICATION

S117 SET NOTIFICATION WAIT FLAG

S118 MAKE REQUEST FOR PRINTING

S119 EXTRACT JOB PROCESSING INFORMATION

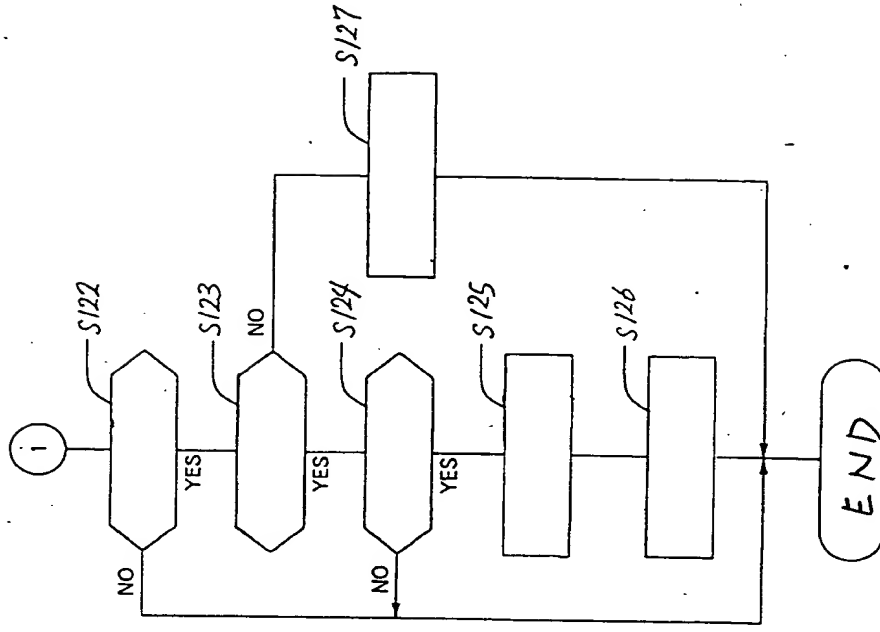
S120 MAKE PREPARATIONS FOR RETURN OF JOB PROCESSING

INFORMATION

S124 RESET NOTIFICATION REQUEST FLAG

FIG. 24





S122 READY TO RETURN JOB PROCESSING INFORMATION?

S123 IS NOTIFICATION WAIT FLAG SET?

S124 END NOTIFICATION RECEIVED?

S125 MAKE REQUEST FOR TRANSMITTING JOB PROCESSING

INFORMATION

S126 RESET NOTIFICATION WAIT FLAG

S127 MAKE REQUEST FOR TRANSMITTING JOB PROCESSING

INFORMATION

FIG. 25

ENGINE CONTROL SECTION PROCESSING

S131 PRINT REQUEST MADE?

S132 PRINT

S133 END NOTIFICATION REQUEST MADE?

S134 SEND END NOTIFICATION

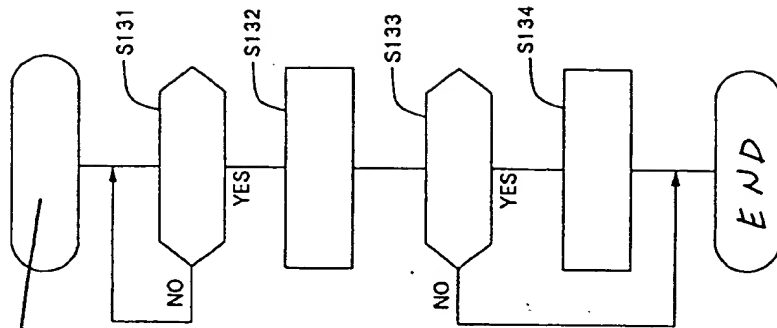


FIG.26

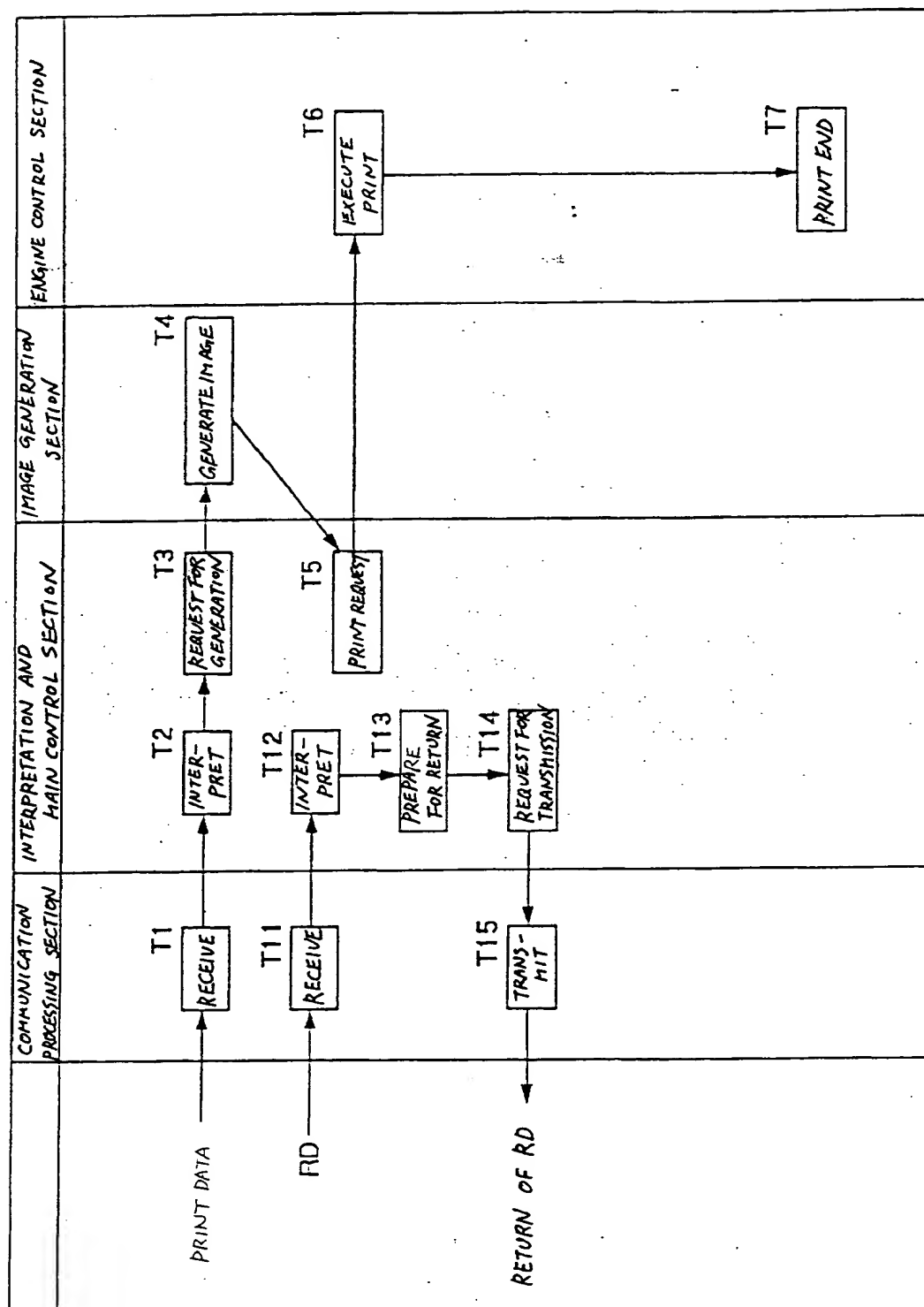


Fig. 27

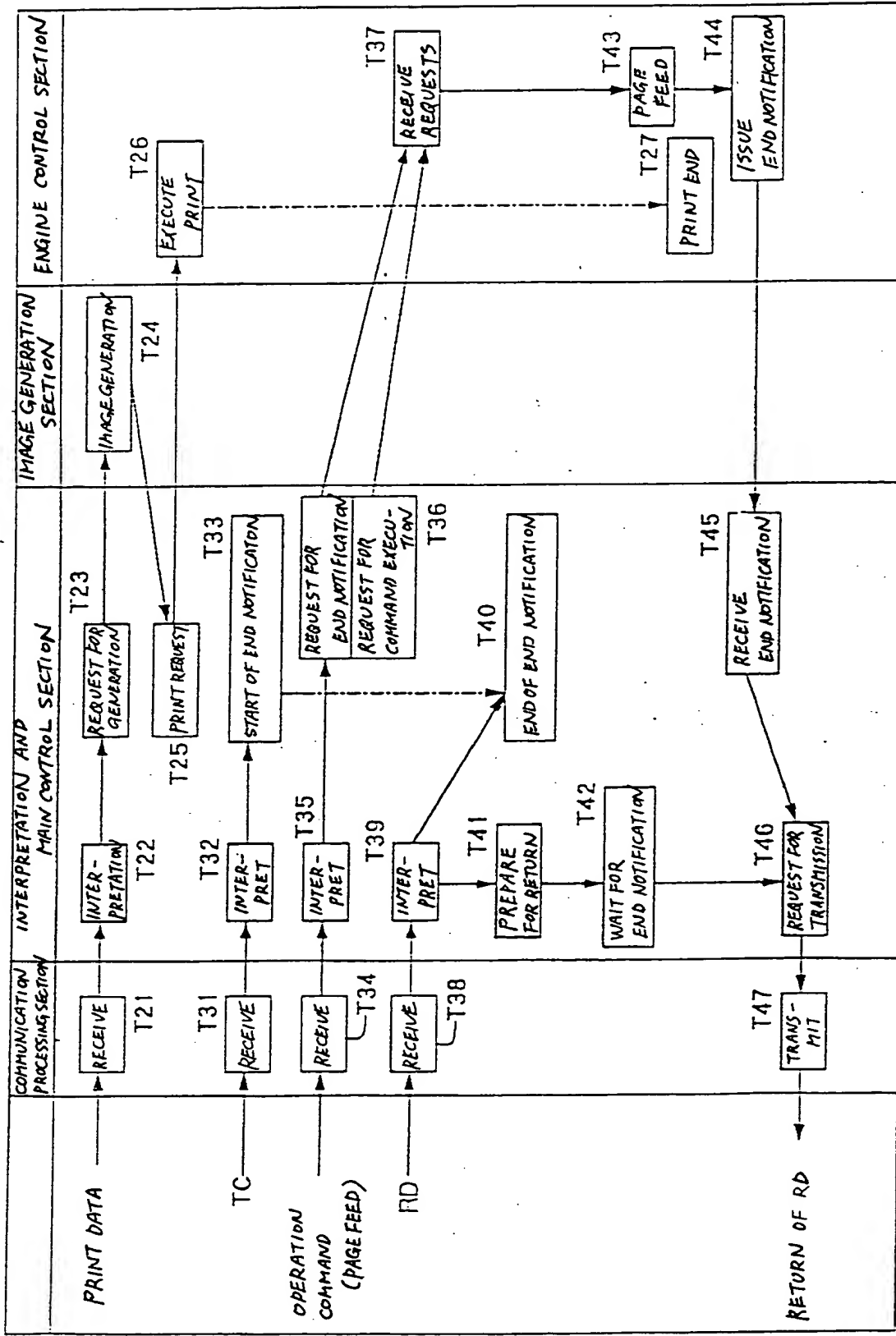
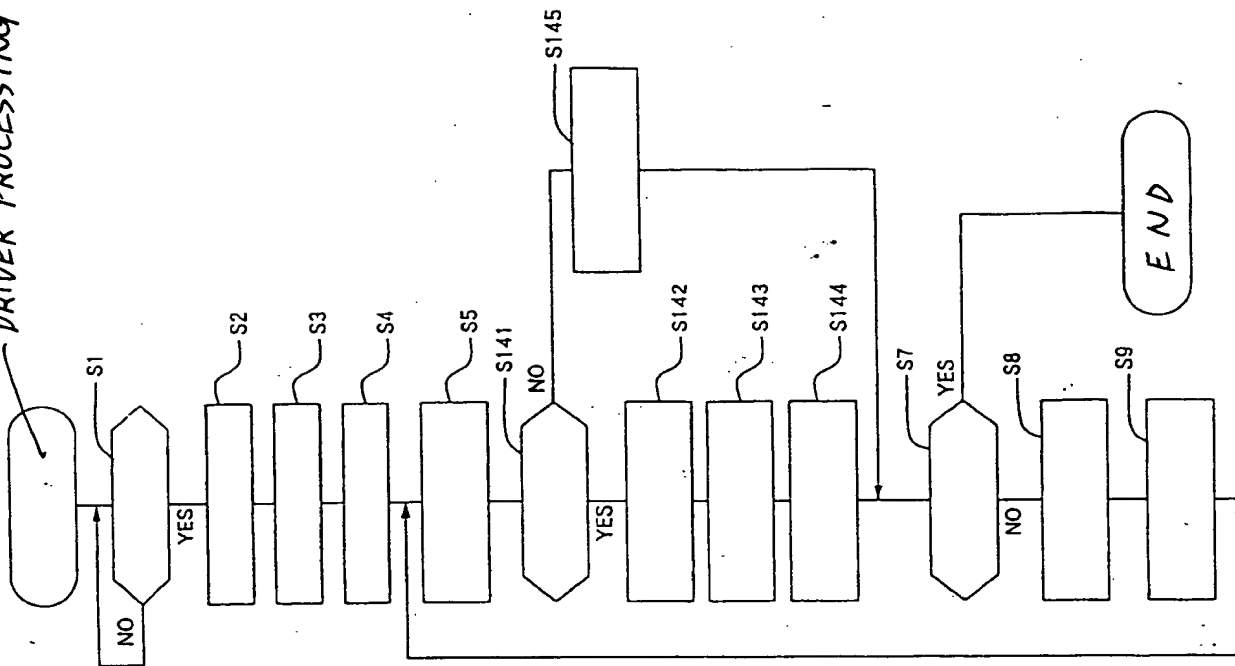


FIG. 28

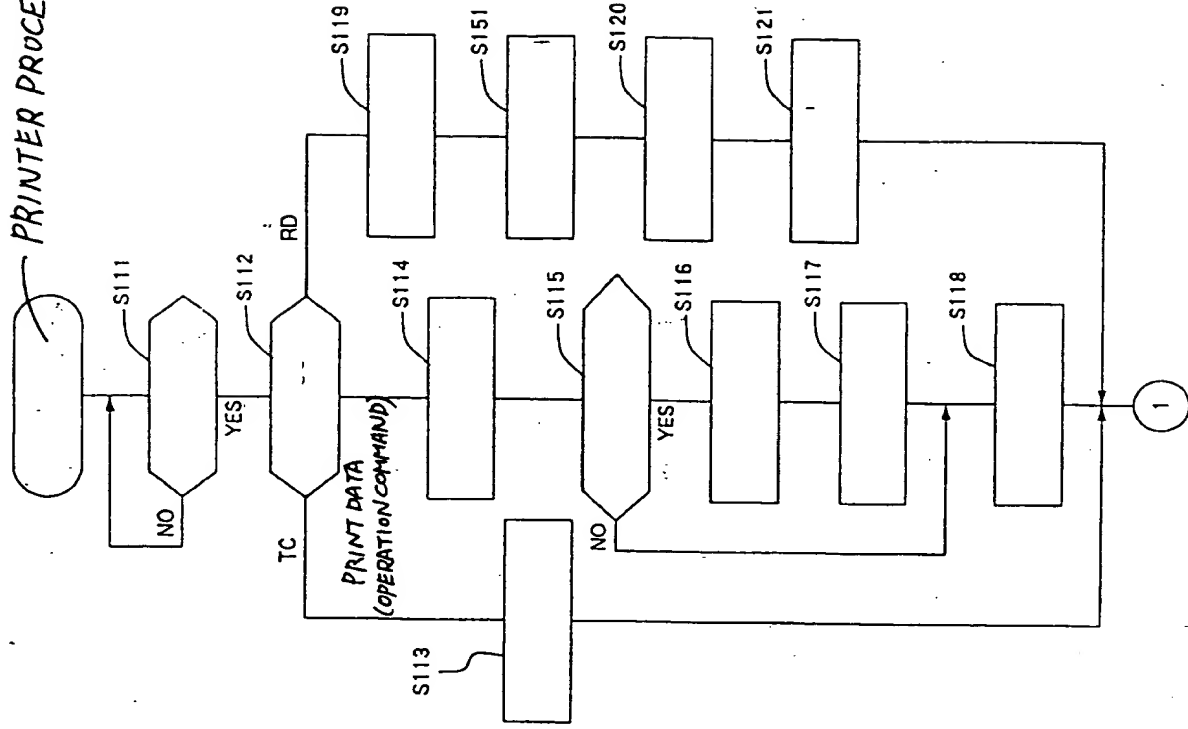
DRIVER PROCESSING



- S1 REQUEST FOR ISSUING RD MADE?
- S2 ISSUE INITIALIZATION REQUEST
- S3 SET COMMUNICATION ROUTE INFORMATION
- S4 ISSUE RD (PS)
- S5 GENERATE AND TRANSMIT PRINT DATA
- S141 RD ISSUING POSITION?
- S142 ISSUE TC
- S143 TRANSMIT OPERATION COMMAND
- S144 ISSUE RD
- S145 TRANSMIT OPERATION COMMAND
- S7 IS PRINT JOB TRANSMISSION COMPLETE?
- S8 SET THE NEXT PROCESSING STATE
- S9 SET THE NEXT PAGE

FIG. 29

PRINTER PROCESSING



- S111 DATA RECEIVED FROM COMMUNICATION PROCESSING SECTION?
- S112 DETERMINE DATA TYPE
- S113 SET NOTIFICATION REQUEST FLAG
- S114 INTERPRET
- S115 IS NOTIFICATION REQUEST FLAG SET?
- S116 REQUEST ENGINE CONTROL SECTION TO SEND END NOTIFICATION
- S117 SET NOTIFICATION WAIT FLAG
- S118 MAKE REQUEST FOR PRINTING
- S119 EXTRACT JOB PROCESSING INFORMATION
- S120 ADD STATUS INFORMATION
- S121 MAKE PREPARATIONS FOR RETURN OF JOB PROCESSING INFORMATION
- S121 RESET NOTIFICATION REQUEST FLAG

FIG.30